

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20030071331"	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2007/11/23 11:11
S1	36134	wire bonding	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2007/11/19 19:07
S2	24147	wire bonding and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2007/11/19 19:07
S3	31	wire bonding probe bump and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 19:10
S4	9	("4894605"   "5166602"   "5397996"   "5506510").PN. OR ("6249114").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/19 19:09
S5	75	wire (bonding or contact\$3 or connect\$3) probe bump and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 19:10
S6	7	wire (bonding or contact\$3 or connect\$3) probe adj bump and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 19:12
S7	0	wire adj terminals(bonding or contact\$3 or connect\$3) probe adj bump and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 19:12
S8	0	wire adj terminals test\$3 probe adj bump and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 19:12
S9	0	wire adj terminals test\$3 probe adj bump and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 19:12
S10	0	terminals test\$3 probe adj bump and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 19:12
S11	0	wir\$3 terminals test\$3 probe adj bump and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 19:13

## EAST Search History

S12	0	wir\$3 terminals test\$3 adj bump and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 19:13
S13	19	wir\$3 test\$3 adj bump and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 19:16
S14	495	bump adj electrode contact\$3 wir\$3 and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 19:18
S15	24	probe bump adj electrode contact\$3 wir\$3 and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 19:23
S16	19	probe bump adj electrode contact\$3 test wafer and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 19:24
S17	194	probe near6 bump contact\$3 test wafer and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 19:25
S18	74	probe near6 bump contact\$3 test wir\$3 and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 19:28
S19	30	probe near2 bump contact\$3 test wir\$3 and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 19:29
S20	161	probe near2 bump and test wir\$3 and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 19:30

## EAST Search History

S21	55	probe near2 bump and test near4 wir\$3 and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 19:35
S22	40	(probe or test )near2 electrode near2 bump ( wir\$3 or pads) and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 19:40
S23	0	probe card for ic testers.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 19:40
S24	22	probe card ic testers.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 19:41
S25	309	probe card ic .ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 19:43
S26	16	probe card ic wir\$3.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 19:44
S27	0	probe card physically contact\$3 ic wir\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 19:45
S28	2	probe card physically contact\$3 wir\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 19:46
S29	1	probe bump physically contact\$3 wir\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 19:46

## EAST Search History

S30	8	bump physically contact\$3 wir\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 19:48
S31	2956	bump contact\$3 wir\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 19:48
S32	48	probe card bump contact\$3 wir\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 19:54
S33	158	probe bump contact\$3 wir\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 20:03
S34	0	"2003124274"	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2007/11/19 20:03
S35	2	"2003124274"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 20:04
S36	19	"737943"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 20:05
S37	2	"200222809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 20:05
S38	16891	438/612,106-126.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 20:06

## EAST Search History

S39	28	pads wir\$3 probe card and 438/612,106-126.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 20:15
S40	19	"6705876"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 20:12
S41	26	contact near4 (wir\$3 or elements) probe card and 438/612, 106-126.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 20:15
S42	103	contact near4 (wir\$3 or elements) probe card and "438".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 20:16
S43	103	contact near4 (wir\$3 or elements) probe adj card and "438". clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 20:16
S44	8	contact near4 (wir\$3 or elements) probe adj card and 438/612. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 20:20
S45	22	contact near4 (wir\$3 or elements or trace) and probe adj card and 438/612.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/19 20:33
S46	3758	probe near (bump or ball or contact) same (wir\$3 or trace or line)	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2007/11/19 20:46
S47	2976	probe near (bump or ball or contact) same (wir\$3 or trace or leads)	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2007/11/19 20:46
S48	6657819	probe near (bump or ball or contact) (contact\$3 or connect\$3 or touching) (wir\$3 or trace or leads)	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2007/11/19 20:47

## EAST Search History

S49	2958	probe near (bump or ball or contact) (contact\$3 or connect\$3 or touching) (wir\$3 or trace or leads)	US-PGPUB; USPAT; USOCR; FPRS	SAME	ON	2007/11/19 20:47
S50	1452	probe near (bump or ball or contact) (contact\$3 or connect\$3 or touching) (wir\$3 or trace or leads)	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 20:48
S51	1097	probe near (bump or ball or contact) (contact\$3 or connect\$3 or touching) (wir\$3 or trace or leads) and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 20:49
S52	43	probe near (bump or ball ) (contact\$3 or connect\$3 or touching) (wir\$3 or trace or leads) and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 20:49
S53	12	probe adj (bump or ball ) (contact\$3 or connect\$3 or touching) (wir\$3 or trace or leads) and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 20:52
S54	201	probe adj (bump or ball or head) (contact\$3 or connect\$3 or touching) (wir\$3 or trace or leads) and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 21:00
S55	115	probe adj card same wir\$3 pattern	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2007/11/19 21:00
S56	80	probe adj card same wir\$3 pattern and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2007/11/19 21:04
S57	0	probe adj card same wir\$3 pattern near circuit adj baord and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2007/11/19 21:04
S58	0	probe adj card same wir\$3 pattern near circuit adj boa'rd and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2007/11/19 21:04
S59	0	probe adj card same wir\$3 pattern near circuit adj board and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2007/11/19 21:04
S60	4	probe adj card and wir\$3 pattern near circuit adj board and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2007/11/19 21:05
S61	4	probe adj card and (wir\$3 or trace or lead)pattern near circuit adj board and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2007/11/19 21:05
S62	4	probe adj card and (wir\$3 or trace or lead)pattern near circuit adj board and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/19 21:05

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S63	401	probe adj card and (wir\$3 or trace or lead)pattern and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/19 21:06
S64	206	probe adj card same(wir\$3 or trace or lead)pattern and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/19 21:08
S65	388	(probe adj card or prober or tester)same(wir\$3 or trace or lead)pattern and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/19 21:08
S66	1133	test\$3 with (wir\$3 or trace or lead)pattern and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/19 21:12
S67	113	test\$3 with (wir\$3 or trace or lead)pattern and probe adj card and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/19 21:16
S68	1731	circuit adj board and probe adj card and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/19 21:17
S69	1008	circuit adj board same probe adj card and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/19 21:17
S70	779	circuit adj board with probe adj card and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/19 21:17
S71	0	circuit adj board testing probe adj card and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/19 21:17

## EAST Search History

S72	162	circuit adj board testing probe adj card and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 21:17
S73	59	(wirings or traces)(circuit adj board or wafer) testing probe adj card and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 21:19
S74	13	(wirings or traces)(circuit adj board ) testing probe adj card and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 21:20
S75	13	probe adj card testing (wirings or traces)(circuit adj board ) and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 21:20
S76	169	probe adj card testing (wirings or traces) and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/19 21:27
S77	0	saki-hiroshi.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2007/11/19 21:27
S78	255	sakai-hiroshi.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2007/11/19 21:27
S79	9	("4894605"   "5166602"   "5397996"   "5506510").PN. OR ("6249114").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/19 21:31
S80	13	("5089772"   "5399904"   "5455460"   "5506499"   "5585676"   "5814891"   "5886409"   "5895978"   "5909034"   "5955789"   "5956567"   "5965903"   "6249114").PN. OR ("6448783").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/19 21:32
S81	47	("5216278"   "5382827"   "5433822"   "5523622"   "5581122"   "5583377"   "5598036"   "5640048").PN. OR ("5886409").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/19 21:37
S82	2	matsushita electric industrial co.as.	US-PGPUB; USPAT; USOCR; FPRS	NEAR	ON	2007/11/19 21:39
S83	33210	matsushita electric industrial co.as.	US-PGPUB; USPAT; USOCR; FPRS	NEAR	ON	2007/11/19 21:39

## EAST Search History

S84	33206	matsushita electric industrial co.as.	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2007/11/19 21:39
S85	40	probe adj card and matsushita electric industrial co.as.	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2007/11/19 21:42
S86	777	probe and matsushita electric industrial co.as.	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2007/11/19 21:42
S87	84	(first or second or plural\$3 or multiple)(wir\$3 leads or trace) contact\$3 one bump	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 21:48
S88	21	(first or second or plural\$3 or multiple)near (wir\$3 leads or trace) contact\$3 one bump	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 21:49
S89	7	(wir\$3 leads or trace) contact\$3 one adj bump	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 21:49
S90	17	(wir\$3 leads or trace) contact\$3 one adj (bump or ball)	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 21:50
S91	143	wir\$3 (contact\$3 or connect\$3) one adj (bump or ball)	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 21:55
S92	1	wir\$3 (contact\$3 or connect\$3) one adj (bump or ball)probe	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 21:56
S93	138	wir\$3 (contact\$3 or connect\$3) one adj probe	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 21:58
S94	179	probe card wiring board	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 21:59
S95	25	probe card with bumps wiring board	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 22:02
S96	1446	probing (wir\$3 or leads)	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 22:03
S97	1065	probing (wir\$3 or leads)and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/19 22:04
S98	131	probing (wir\$3 or leads)and @ad<"20040809"	US-PGPUB; USPAT; USOCR; FPRS	NEAR	ON	2007/11/19 22:04

## EAST Search History

S99	4	probe card test\$3 wire adj bond	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/20 09:26
S100	50	probe card test\$3 wire adj bond	US-PGPUB; USPAT; USOCR; FPRS	SAME	ON	2007/11/20 09:26
S101	234	("3766439"   "4169642"   "4341842"   "4597617"   "4679118"   "4859189"   "4922376").PN. OR ("5123850").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/20 09:43
S102	27	probe near(contacts or terminals) with (wir\$3 or traces or leads)near device	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2007/11/20 09:46
S103	627894	testing(contacts or terminals) with (wir\$3 or traces or leads)near device	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2007/11/20 09:47
S104	104	testing(contacts or terminals) with (wir\$3 or traces or leads)near device	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/20 10:01
S105	22	probe adj card near4 bump with wir\$3 and 324/754-757,756. ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2007/11/20 10:04
S106	129	probe adj card near4 bump and 324/754-757,756.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2007/11/20 10:05
S107	1837	pads (connect\$3 or contact\$3 or bond\$2)(wir\$3) and probe adj card	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/20 10:07
S108	1300	pads (connect\$3 or contact\$3 or bond\$2)(wir\$3) and probe adj card	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/20 10:07
S109	869	pads near4(connect\$3 or contact\$3 or bond\$2)near4 (wir\$3) and probe adj card	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/20 10:08
S110	194	"30922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/20 10:08

## EAST Search History

S11 1	584	pads near4(connect\$3 or contact\$3 or bond\$2)near4 (wir\$3) and probe adj card and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/20 10:20
S11 2	14	pads near4(connect\$3 or contact\$3 or bond\$2)near4 (wir\$3) (connect\$3 or contact\$3 or bond\$2)near4 probe adj card and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/20 10:23
S11 3	169	(wir\$3) (connect\$3 or contact\$3 or bond\$2)near4 probe adj card and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/20 10:27
S11 4	1887	test\$3 wir\$3 (contact\$3 or bond\$2 or connect\$3) pad	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/20 10:28
S11 5	1326	test\$3 wir\$3 (contact\$3 or bond\$2 or connect\$3) pad and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/20 10:29
S11 6	52	test\$3 wir\$3 (contact\$3 or bond\$2 or connect\$3) pad and probe adj card with bump and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/20 10:29
S11 7	62	("3795973"   "5008727"   "5089772"   "5187020"   "5241266"   "5307010").PN. OR ("5554940").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/20 10:34
S11 8	0	semiconductor adj wafer wir\$3 and probe adj card near6 bumps	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/20 10:34
S11 9	0	semiconductor adj wafer wir\$3 and probe adj card near6 bumps	US-PGPUB; USPAT; USOCR; FPRS	SAME	ON	2007/11/20 10:35
S12 0	0	semiconductor adj wafer wir\$3 and probe adj card near6 bumps	US-PGPUB; USPAT; USOCR; FPRS	SAME	ON	2007/11/20 10:35
S12 1	50	semiconductor adj wafer wir\$3 and probe adj card near6 bumps	US-PGPUB; USPAT; USOCR; FPRS	SAME	ON	2007/11/20 10:35
S12 2	751	semiconductor adj wafer wir\$3 and (probe adj card or burn\$in)	US-PGPUB; USPAT; USOCR; FPRS	SAME	ON	2007/11/20 10:36
S12 3	504	semiconductor adj wafer wir\$3 and (probe adj card or burn\$in) and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS	SAME	ON	2007/11/20 10:36

## EAST Search History

S12 4	8	("20020000655"   "20020089058"   "20020167075"   "6277669"   "6392287"   "6396145"   "6423571"   "6555908").PN. OR ("7084498").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/20 10:48
S12 5	8	("20020000655"   "20020089058"   "20020167075"   "6277669"   "6392287"   "6396145"   "6423571"   "6555908").PN. OR ("7084498").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/20 10:48
S12 6	8	("20020000655"   "20020089058"   "20020167075"   "6277669"   "6392287"   "6396145"   "6423571"   "6555908").PN. OR ("7084498").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/20 10:48
S12 7	7	("5293037"   "5508228"   "5956605"   "5994783").PN. OR ("6392287").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/20 10:51
S12 8	56	burn\$in test (conduct\$2 or perform\$2)wir\$3	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/20 10:54
S12 9	287	probe test (conduct\$2 or perform\$2)wir\$3	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/20 10:54
S13 0	0	probe test (conduct\$2 or perform\$2)wir\$3 and@ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/20 10:55
S13 1	196	probe test (conduct\$2 or perform\$2)wir\$3 and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/20 10:55
S13 2	15	probe bump (contact\$3) terminal wir\$3 and @ad<"20030922"	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2007/11/20 10:56
S13 3	9	("4894605"   "5166602"   "5397996"   "5506510").PN. OR ("6249114").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/20 10:57
S13 4	47	("3249926"   "4301403"   "4479088"   "4509008"   "4586242"   "4638246"   "4707654"   "4779041").PN. OR ("4894605"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/20 10:58
S13 6	10	(first and second)near(terminals or wir\$3) same contact\$3 one adj probe (contact or bump or ball)	US-PGPUB; USPAT; USOCR; FPRS	SAME	ON	2007/11/20 14:06
S13 7	0	(first and second)near( wir\$3) contact\$3 one adj probe near(contact or bump or ball)	US-PGPUB; USPAT; USOCR; FPRS	SAME	ON	2007/11/20 14:07
S13 8	0	(first and second or two)near( wir\$3) contact\$3 one adj probe near(contact or bump or ball)	US-PGPUB; USPAT; USOCR; FPRS	SAME	ON	2007/11/20 14:07
S13 9	0	(first and second or two)near( wir\$3) one adj probe near(contact or bump or ball)	US-PGPUB; USPAT; USOCR; FPRS	SAME	ON	2007/11/20 14:08
S14 0	0	(first and second or two)near( wir\$3) one adj prob\$3 near(contact or bump or ball)	US-PGPUB; USPAT; USOCR; FPRS	SAME	ON	2007/11/20 14:08

## EAST Search History

S14 1	98	(first and second or two)near( wir\$3) prob\$3 near(contact or bump or ball)	US-PGPUB; USPAT; USOCR; FPRS	SAME	ON	2007/11/20 14:11
S14 2	71	(first and second or two or multiple or plural\$3)near( wires or leads otr terminals) prob\$3 near(contact or bump or ball)	US-PGPUB; USPAT; USOCR; FPRS	SAME	ON	2007/11/20 14:14
S14 3	62	(first and second or two or multiple or plural\$3)near( wires or leads otr terminals) probe near(contact or bump or ball)	US-PGPUB; USPAT; USOCR; FPRS	SAME	ON	2007/11/20 14:14